

Experience in the Diagnosis of Nerve Diseases
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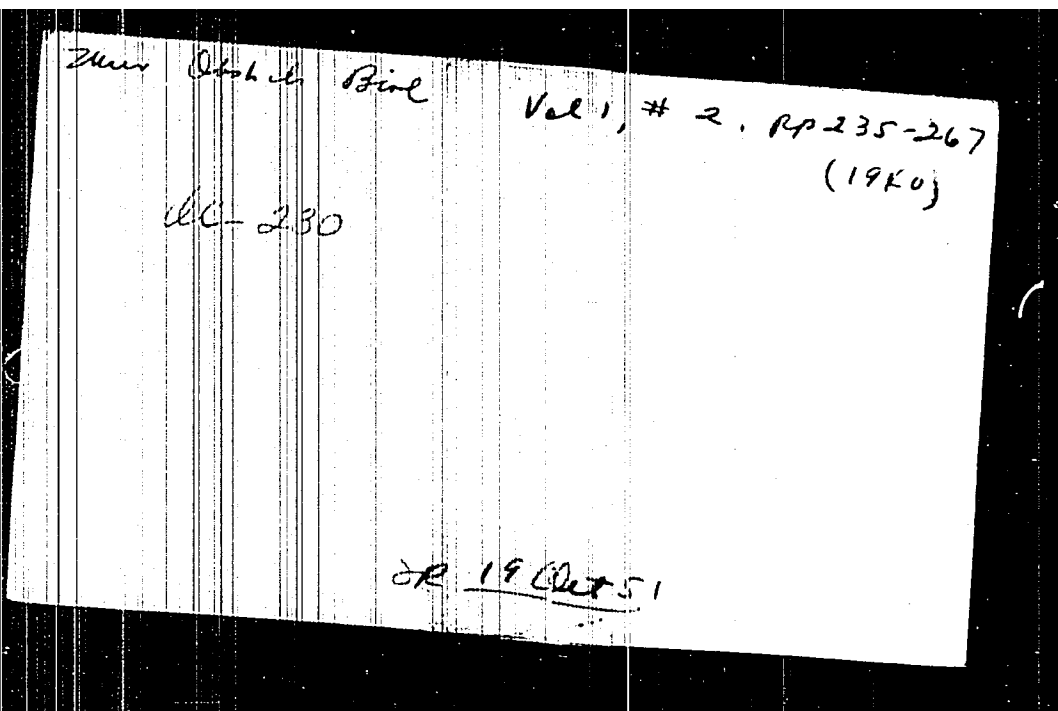
DESCRIPTORS: *Mutations, Mitosis, *Genetics,
Spermatogenesis, Drosophila, *Chromosomes.

(Biological Sciences--Zoology, IT, v. 7, no. 10)

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1. Title: Allelomorphs
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DESCRIPTORS: *Radiobiology, Genetics, *Mutations,
Reproduction, X-rays, *Physiology, Iron, Ozone,
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On the basis of experiments on the simultaneous action
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oxygen formed in the cell, under the influence of short-
wave energy, the conclusion has been reached in this
paper that ozone is the chemical mediator of the X-ray
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DESCRIPTORS: *Mammals, *Parasites, Climatic
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DESCRIPTORS: *Oxidation, *Plants (Botany), Diseases,
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DESCRIPTORS: *Parasitic Infections, *Nematodes,
 *Meloidogyna, *Plants, Growth, Tissues (Biology).

Plants harboring the gall nematode, Meloidogyna
 incognata, react to the infection by increasing respira-
 tion and by activating respiratory enzymes in the re-
 gions of gall formation. The nematode liberates a
 proteolytic enzyme into the gall and feeds on the prod-
 ucts of protein hydrolysis produced thereby. Gall for-
 mation is caused by toxic substances produced as a re-
 sult of the action of the nematode on the plant tissues.
 These toxins may include certain amino acids.

- I. Title: Galls (Botany)
- I. Myuge, S. G.
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DESCRIPTORS: *Genetics, *Tissues (Biology), Growth,
 *Metabolism, Oxygen consumption, Energy.

Data are reviewed showing that the qualitative charac-
 teristic of the active tissue remains constant not only
 in ontogeny, but in animals which are distant in their
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 (Biological Sciences--Biochemistry, IT, v. 7, no. 9)

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FORMATION OF WATER-SOLUBLE ANTIGENS OF
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[1962] [10]p. 25 refs.
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DESCRIPTORS: *Embryos, Lenses, Tissues (Biology).
*Antigens, Proteins, Biochemistry, *Crystalline lens.

A study of the process of antigen formation in the de-
veloping crystalline lens of the chick showed that estab-
lishment of its antigen structure is complete after
seven days of incubation. During this period of develop-
ment all the seven antigens characteristic of the de-
finitive lens are formed. A very small amount of anti-
gen of the definitive lens was found in the lens placode
of the embryos in the 23-25 somite stage of develop-
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